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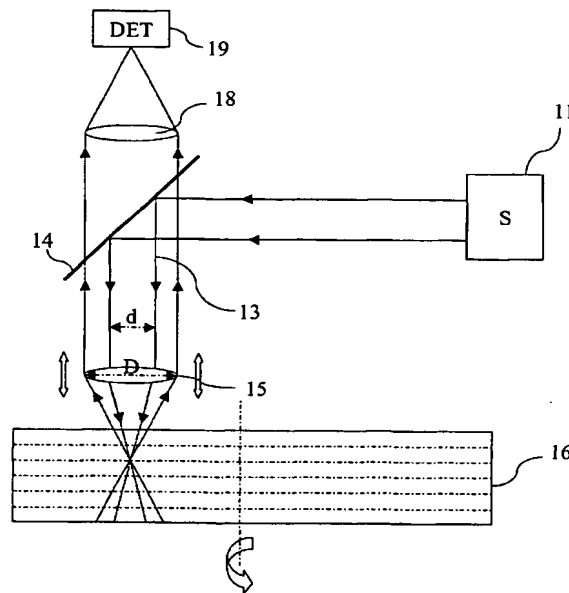
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(54) Title: SCANNING APPARATUS FOR FLUORESCENT MULTI-LAYER STORAGE.



(57) Abstract: The invention relates to a scanning apparatus for scanning information in an information carrier (16) comprising a plurality of layers for storing data on a material capable of generating an excited radiation when interacting with an exciting beam (13) produced by an exciting source (11). The scanning apparatus comprises an objective lens (15) for projecting the exciting beam in a layer of the carrier and collecting the excited radiation. The scanning apparatus also comprises a detector unit (19) for detecting the excited radiation collected on the objective lens. According to the invention, the exciting beam has a numerical aperture lower than the lens numerical aperture.

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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/125 G11B7/135

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 009 065 A (GLUSHKO BORIS A ET AL) 28 December 1999 (1999-12-28) cited in the application the whole document	1-3
A		4-6
Y	"REDUCTION OF OPTICAL DISK NOISE BY COLLECTION OF SCATTERED LIGHT" RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, HAMPSHIRE, GB, no. 321, 1991, page 49 XP000163476 ISSN: 0374-4353 the whole document	1-3
A	US 5 986 993 A (RIM KYUNG-HWA ET AL) 16 November 1999 (1999-11-16) claim 1; figure 5	4,6

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☒ Patent family members are listed in annex.

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